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GROUP 1600

structural diversity element, said method comprising the steps of:

(a) providing at least 500 wells organized into at least first and second sub-arrays;

(b) adding reactants to each of the wells in a manner such that, when reacted, the reactants form the compounds of the sub-arrays in the array, and such that the compounds composing each sub-array differ from one another by one change in a structural diversity element; and

(c) concurrently reacting the contents of the wells under appropriate solution-phase conditions in one or more cycles to form all compounds of the sub-arrays in the array.

REMARKS

After entry of the present amendment, claims 10-13, 17, 18, 22-24 and 26 will be pending in the present application. No new matter has been added. Support for new claim can be found through the specification and especially in the example at pages 27-30.

Applicants submit that the application is in condition for allowance, and respectfully request early action to that end. However, should any issues remain, the Examiner is invited to telephone the undersigned at (212) 790-9090.

No fee is believed to be due for the claim change of this response. Should any fees be required, please charge them to Pennie & Edmonds LLP deposit account no. 16-1150.

Respectfully submitted,

Date: August 9, 2002

Victor N. Balancia / by Ian Scott Lynn 44,327
31,231

Victor N. Balancia

(Reg. No.)

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, New York 10036-2711
(212) 790-9090